AUTODOC CLUB

How to change front brake discs on **AUDI A4 B9 Avant (8W5, 8WD)** – replacement guide

SIMILAR VIDEO TUTORIAL

This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
AUDI A4 B9 Avant (8W5, 8WD) 2.0 TFSI, AUDI A4 B9 Avant (8W5, 8WD) 2.0 TDI, AUDI A4 B9 Avant (8W5, 8WD) 2.0 TDI quattro, AUDI A4 B9 Avant (8W5, 8WD) 1.4 TFSI, AUDI A4 B9 Avant (8W5, 8WD) 2.0 TFSI g-tron, AUDI A4 B9 Avant (8W5, 8WD) 2.0 TFSI Mild Hybrid, AUDI A4 B9 Avant (8W5, 8WD) 35 TFSI Mild Hybrid, AUDI A4 B9 Avant (8W5, 8WD) 45 TDI quattro, AUDI A4 B9 Avant (8W5, 8WD) 35 TDI, AUDI A4 B9 Avant (8W5, 8WD) 40 TDI, AUDI A4 B9 Avant (8W5, 8WD) 40 TDI quattro, AUDI A4 B9 Avant (8W5, 8WD) 30 TDI, AUDI A4 B9 Avant (8W5, 8WD) 40 TFSI g-tron, AUDI A4 B9 Avant (8W5, 8WD) 30 TDI Mild Hybrid, AUDI A4 B9 Avant (8W5, 8WD) 35 TDI Mild Hybrid, (+ 4)

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: AUDI A4 Saloon (8K2, B8) 2.0 TFSI Flexfuel quattro

REPLACEMENT: BRAKE DISCS – AUDI A4 B9 AVANT (8W5, 8WD). LIST OF THE TOOLS YOU'LL NEED:

- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 13
- Drive socket # 21
- Torx bit T30
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Brake caliper wind back tool
- Flat Screwdriver
- Impact screwdriver
- Crow bar
- Wheel chock

Buy tools

Replacement: brake discs – AUDI A4 B9 Avant (8W5, 8WD). Tip from AUTODOC experts:

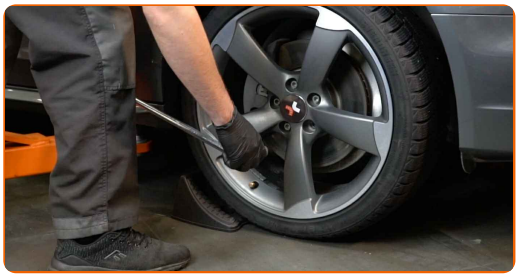
- Replace the brake disks on the car AUDI A4 B9 Avant (8W5, 8WD) in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE DISCS – AUDI A4 B9 AVANT (8W5, 8WD). TAKE THE FOLLOWING STEPS:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.

3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



4 Raise the front of the car and secure on supports.

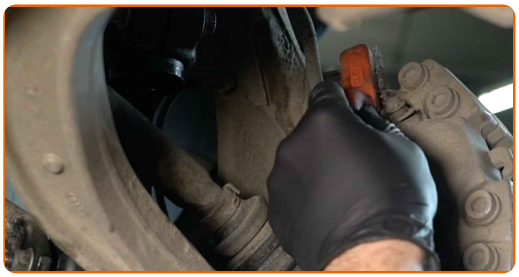
5 Unscrew the wheel bolts.

Replacement: brake discs – AUDI A4 B9 Avant (8W5, 8WD). AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

6 Remove the wheel.

7 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



8 Unscrew the brake caliper fastening. Use a drive socket #13. Use a ratchet wrench.

9 Spread the brake pads. Use a crowbar.

10 Detach the brake caliper retaining spring. Use a crowbar. Use a flat screwdriver.

11 Remove the brake caliper.

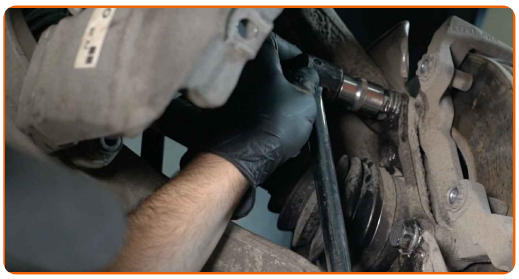
Replacement: brake discs – AUDI A4 B9 Avant (8W5, 8WD). Professionals recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

12 Remove the brake pads.

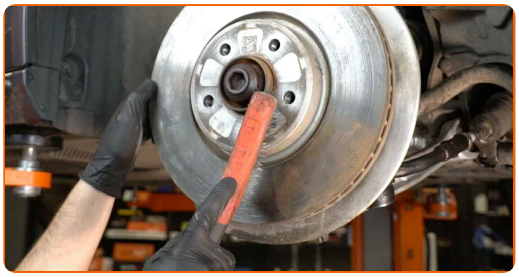
13 Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

14 Unscrew the caliper bracket fastening. Use a drive socket #21. Use a tap wrench.

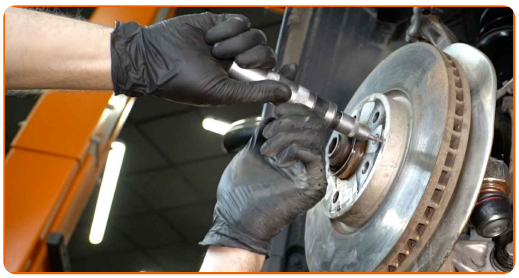


15 Remove the caliper bracket.

16 Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.

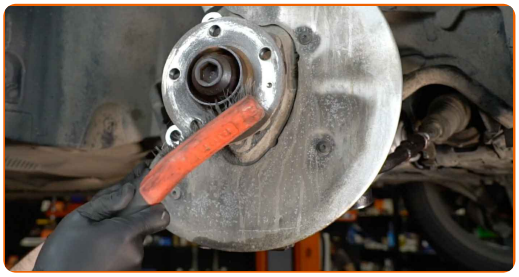


17 Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.



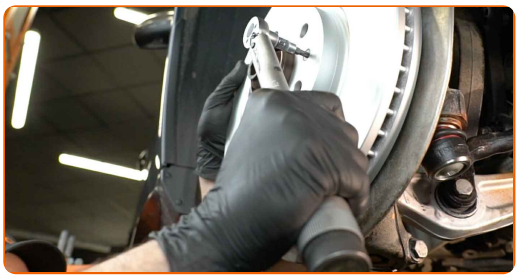
18 Remove the brake disc.

19 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



20 Install the brake disc.

21 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 5 Nm torque.

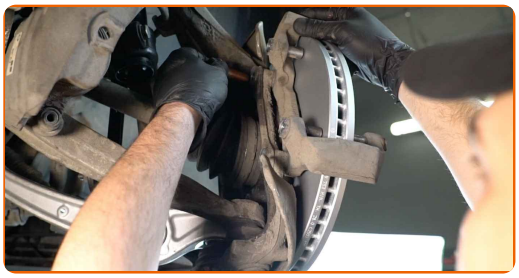


22 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake discs – AUDI A4 B9 Avant (8W5, 8WD). After applying the spray, wait a few minutes.

23 Install the brake caliper bracket.

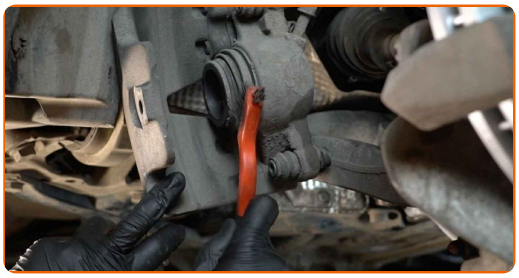


24 Tighten the brake caliper bracket. Use a drive socket #21. Use a torque wrench. Tighten it to 196 Nm torque.

AUTODOC recommends:

- Important! Be sure to use new fasteners.

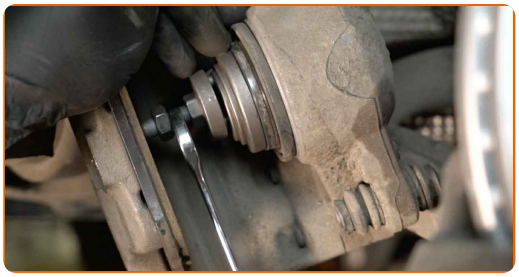
25 Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



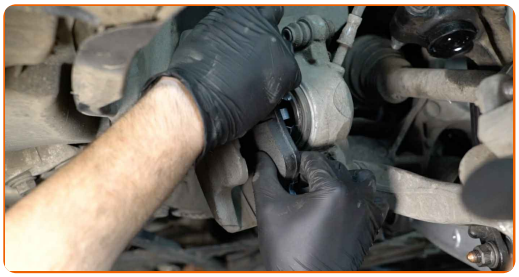
Replacement: brake discs – AUDI A4 B9 Avant (8W5, 8WD). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

26 Press in the brake caliper piston. Use brake caliper wind back tool.



27 Install the brake pads.



28 Install the brake caliper and fix it. Use a drive socket #13. Use a torque wrench. Tighten it to 30 Nm torque.

29 Install the brake caliper retaining spring.

30 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

31 Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake discs – AUDI A4 B9 Avant (8W5, 8WD). After applying the spray, wait a few minutes.

32 Install the wheel.

AUTODOC recommends:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

33 Screw in the wheel bolts. Use wheel impact socket #17.

34 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.

35 Remove the jacks and chocks.

Replacement: brake discs – AUDI A4 B9 Avant (8W5, 8WD). Tip from AUTODOC experts:

- Check the brake fluid level in the expansion tank and refill if necessary.

36 Tighten the brake fluid reservoir cap.

AUTODOC recommends:

- AUDI A4 B9 Avant (8W5, 8WD) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

37 Close the hood.

WELL DONE!

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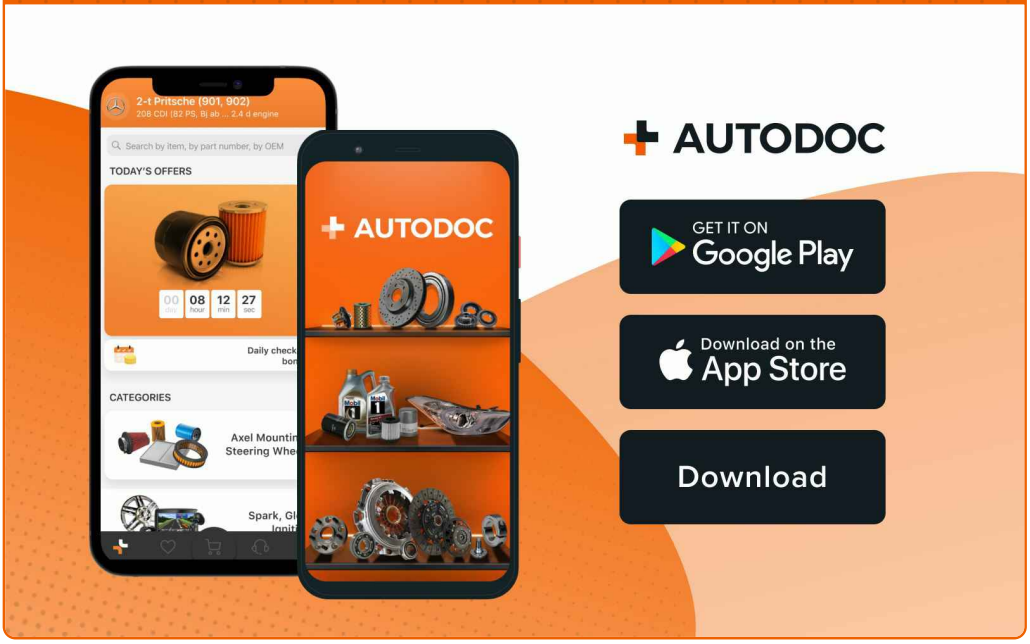

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